

## WEEKLY SUMMARY REPORT

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|-------------|---------------------------------|-----------------------|------------------------------------|
| Client:     | Needham DPW                     | Dates:                | 11/11/2019 to 11/15/2019           |
| Contract:   | Rosemary Lake Dredging          |                       |                                    |
| Contractor: | Maverick Construction Co., Inc. | Inspector(s) on site: | Caroline Armstrong<br>Laura Krause |

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### WORK COMPLETED THIS WEEK

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- Lake drawdown has been completed.
- Removed turbidity curtain on Thursday at Station 1, as allowed by MassDEP.
- MassDEP has approved Maverick's refueling plan and proposed use of Portland cement.
- Fish were relocated downstream past the foot bridge at Station 1.
- Weekly flow and turbidity monitoring conducted on Monday, Tuesday, and Friday along Rosemary Brook.
- Wetland Specialist inspection conducted on Tuesday after lake drawdown was complete. Conducted weekly during drawdown.
- On-going equipment and material procurement.
- Evaluation of analytical data from lake sediment sampling.

### WORK ANTICIPATED FOR NEXT WEEK

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- Weekly turbidity monitoring to be conducted along Rosemary Brook. With drawdown complete, monitoring shall continue to occur twice a week, on Tuesdays and Fridays, at Stations 1 and 2 and weekly at the Whalen's property.
- Office trailer mobilization and setup.
- Maverick to install Swing Gate.
- On-going equipment procurement.

## PHOTOS

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Wednesday (11/13/2019)

**View of Lake from Pool Yard - Drawdown progress**



Monday (11/11/2019)



Tuesday (11/12/2019)





Wednesday (11/13/2019)

Friday (11/15/2019)

### Lake outlet - Drawdown progress



Monday (11/11/2019)



Tuesday (11/12/2019)



Wednesday (11/13/2019)



**View of Lake from Staging Area - Drawdown progress**



Monday (11/11/2019)

**Station 1 (Petrini Property) – Fish noted by turbidity curtain – many relocated past curtain.**



Tuesday (11/12/2019)

**Station 1 (Petrini Property) – Turbidity, velocity, and sediment depth readings taken on Monday, Tuesday, and Friday.**



Friday (11/15/2019)



**Station 1 (Petrini Property) – Turbidity curtain removed, as approved by DEP.**



Monday (11/11/2019)



Tuesday (11/12/2019)

**Station 2 (West Street) – Turbidity, velocity, and sediment depth readings taken on Monday, Tuesday, and Friday.**



Station 5.1 and 5.2 (11/12/2019)

**Station 5.1 and 5.2 – Edge of Bank shown. Turbidity, velocity, and sediment depth readings taken on Tuesday and Friday. Rain occurred during monitoring.**





Station 5.3(11/12/2019)

**Station 5.3 – Edge of Bank shown. Turbidity, velocity, and sediment depth readings taken on Tuesday and Friday. Rain occurred during monitoring.**



Station 5.3(11/12/2019)

**Station 5.3 – Turbidity, velocity, and sediment depth readings taken on Tuesday and Friday. Rain occurred during monitoring.**





Station 5.4 (11/12/2019)

**Station 5.4– Edge of Bank shown. Turbidity, velocity, and sediment depth readings taken on Tuesday and Friday. Rain occurred during monitoring.**



Station 5.5 (11/12/2019)

**Station 5.5 – Edge of Bank shown. Turbidity, velocity, and sediment depth readings taken on Tuesday and Friday. Water level lower than previous monitoring event (Thursday 11/7/2019).**





Station 5.1 and 5.2 (11/12/2019)

**Station 5.1 and 5.2 – Edge of Bank shown. Turbidity, velocity, and sediment depth readings taken on Tuesday and Friday. Rain occurred during monitoring.**